

Converting Colors

Hex(257BFF)

Have a look what the booklet for
Hex(257BFF) contains.

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Color

Hex(257BFF)

Conversions

Conversions Part 1

Format	Color
Hex	257BFF
RGB	37, 123, 255
RGB Percent	15%, 48%, 100%
CMY	0.8549, 0.5176, 0.0000
CMYK	0.85, 0.52, 0.00, 0.00
HSL	216°, 100%, 57%
HSV	216°, 85%, 100%
XYZ	25.8959, 21.7792, 97.4467
YIQ	112.3340, -93.6280, 22.8200

Conversions

Conversions Part 2

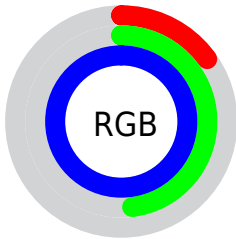
Format	Color
R _Y B	37, 99, 255
Decimal	2456575
CIE Lab	53.79, 23.31, -72.41
CIE LCh	54, 76.067, 287.848
Yxy	21.7792, 0.1784, 0.1501
Android (android.graphics.Color)	4280646655 (0xFF257BFF)
YUV	112.3340, 70.3343, -66.0679
Hunter-Lab	46.6682, 17.3791, -91.1341

Details

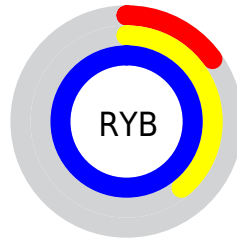
The Hex color **257BFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFA925**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7AFFFF**, and **004CC5** is the 20% darker color. If you saturate the color by 10%, you get **0C6CFF**, and if you desaturate by 10%, it is **3F8AFF**.

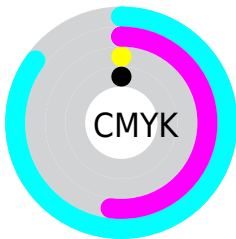
Distribution



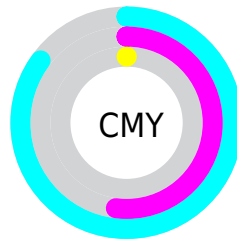
- Red (15%)
- Green (48%)
- Blue (100%)



- Red (15%)
- Yellow (39%)
- Blue (100%)



- Cyan (85%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257BFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 257BFF by changing the saturation by 10% instead.

 257BFF

 257BFF

FFFFFF

 0063E2

 7AAFFF

 004CC5

 9BCAFF

 0036A9

 BBE6FF

 00238E

 DBFFFF

 001074

 FAFFFF

 000D5A

 000742

 00032B

 000115

■ 257BFF

■ 257BFF

■ 0C6CFF

■ 3F8AFF

■ 0065FF

■ 589AFF

■ 72A9FF

■ 8BB9FF

■ A5C8FF

■ BED8FF

■ D8E7FF

■ F1F7FF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0090FF



257BFF



B25ADA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



257BFF



DD541C



009B63

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



257BFF



FFA925

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



089619



257BFF



B17400

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



257BFF



F2315D



778900



009DA7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



257BFF



DA3FB3



778900



009A4C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



257BFF



BDD7FF



25FFA8



586880



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



257BFF



0065FF



3B25FF



737880



004BBF



001940

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF257B



FF0065



E9FF25



807378



BF004B



400019

Previews

White Background



This preview shows how the Hex color 257BFF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 257BFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

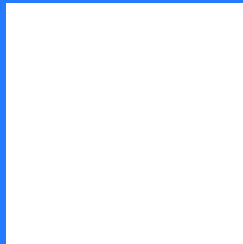
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 257BFF Background



This preview shows how black text looks on a background with the Hex color 257BFF.

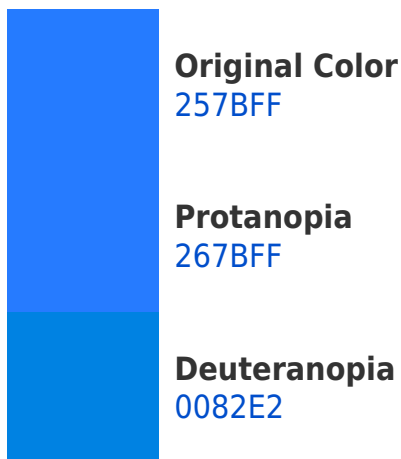


This preview shows how white text looks on a background with the Hex color 257BFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

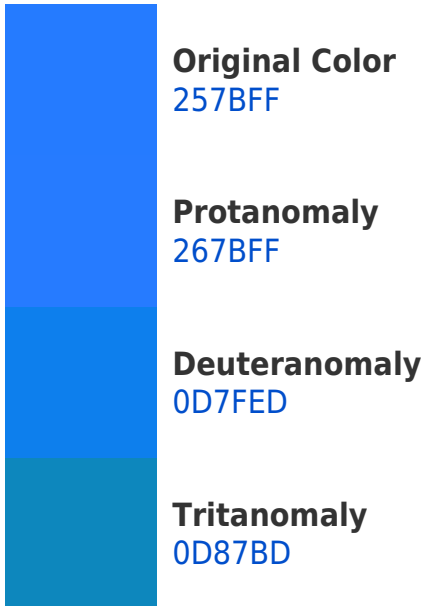
Dichromacy



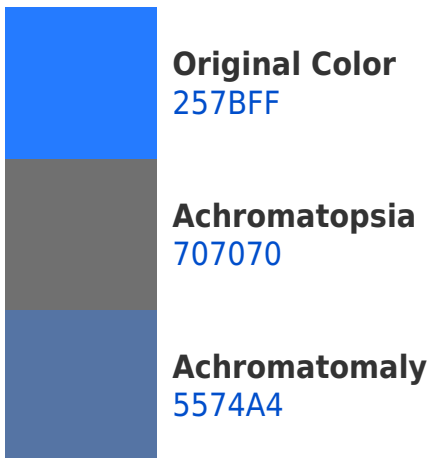


Tritanopia
008E97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 257BFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #257BFF looks like.

```
.text, #text, p{  
    color:#257BFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #257BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257BFF
}
```

Border

The CSS property to change the border of an element to Hex 257BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#257BFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#257BFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #257BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257BFF; -webkit-box-shadow:4px 4px  
4px 4px #257BFF; box-shadow:4px 4px 4px  
4px #257BFF }
```

Background

The CSS property to change the background color of an element to Hex 257BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257BFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#257BFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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